

Economic Impact of Implementing Floodplain Management Alternatives Along Dead Man's Run Between 33rd and 56th Streets

2.1 Overview

The economic impact to public infrastructure was evaluated along a pre-determined reach of Dead Man's Run between 33rd and 56th Streets using three floodplain management alternatives:

No Net Rise in the 100-Year Floodplain WSE, combined with Compensatory Storage

1/2 Foot Rise in the 100-Year Floodplain WSE

1 Foot Rise in the 100-Year Floodplain WSE (Existing City Policy)

The evaluation included public buildings, public access streets, and stream crossing structures. The analysis did not include private residential homes or privately owned commercial or industrial property along this reach. Impacts to private property were evaluated under a separate study completed by the U.S. Army Corps of Engineers. Figure 2-1 shows the location of the public buildings, public access streets, and stream crossing structures evaluated for this study. A detailed economic analysis was completed for each public infrastructure component. The following section summarizes the methods and results of this analysis.